

PROJECTION DISPLAY DEVICE

Abstract

A projection display device includes a casing, lamp installed in the casing, optical engine and lamp cooling apparatus, in which the lamp apparatus includes a fan, recess and lamp cover. The fan is installed at the bottom part of the lamp, and the recess is opened on the casing and located below the fan. The lamp cover is installed outside of the lamp so as to allow a convection space to be formed between the outside of the lamp and the lamp cover. The air with low thermal load at the lower side of the display device is drawn in through the fan to enter the convection space to cool the lamp so as to enhance the cooling effect for the projection display device.